ANIMAL REPRODUCTIVE PHYSIOLOGY
ANSC 4276
Fall 2023
Lecture: MW 9:00-9:50/Online
Lab: TBA

INSTRUCTOR INFORMATION

Instructor: Dr. Douglas Eborn
Office Location: AG/ET 233D/Texas A&M University-Commerce
Office Hours: MF 10:00-12:00
            W 2:00-4:00
Office Phone: 903.886.5676
Office Fax: 903.886.5990
University Email Address: Douglas.Eborn@sfasu.edu
Preferred Form of Communication: Email
Communication Response Time: 24 hours

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

Required Textbook: Pathways to Pregnancy and Parturition (3rd Ed).

The syllabus/schedule are subject to change.
Note: There are many differences between the 2nd and 3rd editions. If you choose to use the 2nd revised edition, it is solely your responsibility to make note of differences between the texts and differences in figures and tables.

Course Description

To gain understanding in the concepts and applications of reproduction in farm animals. Endocrinology, anatomy and physiology, spermatogenesis, oogenesis, fertilization, gestation, parturition, and behavior will be studied with practical application toward increasing animal reproduction.

Student Learning Outcomes

Students successfully completing the course should be able to:

1. Identify both male and female structures of the reproductive system and describe their function.
2. Describe how reproduction is controlled including the role and regulation of hormones.
3. Describe the events, structures, and hormones involved in the estrous cycle leading up to both ovulation and luteolysis.
4. Understand the events surrounding both oogenesis and spermatogenesis
5. Know how pregnancy is established and maintained in the different farm animal species followed by the events leading to parturition.
6. Understand how to use current applied reproductive technologies including estrous synchronization, artificial insemination, and embryo transfer and make good reproductive management decisions.

COURSE OVERVIEW

Course material

The material for this course will be primarily given by powerpoint lectures. PDF copies of those lectures will be made available to students either before or after the lecture. Lectures will be recorded and made available to students on an as needed basis.

COURSE SPECIFIC PROCEDURES/POLICIES

Syllabus Change Policy

The syllabus/schedule are subject to change.
The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

**Attendance/Lateness**

Attendance is expected and will be taken at the beginning of class. Future opportunities such as potential extra credit assignments may be based on attendance.

**Grading**

Final grades in this course will be based on the following scale:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Exam 1</td>
<td>15%</td>
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<tr>
<td>Exam 2</td>
<td>15%</td>
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<tr>
<td>Exam 3</td>
<td>15%</td>
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<tr>
<td>Final Exam</td>
<td>25%</td>
</tr>
<tr>
<td>Quizzes/Homework/Lab</td>
<td>15%</td>
</tr>
</tbody>
</table>

**Assessments**

1. **Exams**
   - Four exams will be given throughout the semester including the comprehensive final.

   **Tentative Exam Dates**
   - September 21st
   - October 19th
   - November 16th
   - **Final:** Tuesday, December 14th 10:30-12:30

   - Exam formats may include T/F, matching, multiple choice, fill in the blank, and short answer.
   - All students are to take the exams at the time they are scheduled.

2. **Quizzes**
   - Quizzes will be given **weekly** throughout the semester.
   - Quizzes will be due on each Friday of the week.

   **The syllabus/schedule are subject to change.**
- Quizzes will be taken either in class or through D2L in myleoonline.com.
- No late work will be accepted for quizzes!!
- 1 or 2 quizzes will be dropped from the grade book at the end of the semester.
- Unannounced quizzes may also occur throughout the semester

3. Homework
- Homework assignments may be given in addition to the quizzes.
  - Late work may be turned it for 50% reduction for up to 3 days after the due date.

4. Labs
- Lab attendance is required and points will be given or earned for each lab. You may change labs when needed times with prior instructor approval.

5. Late Work, Missed Exams
- All students are to take the exams at the time they are scheduled unless you have a great excuse or made prior arrangements with the instructor. If an exam is given at a different time, an alternative makeup exam may be more difficult, not easier, for the student.
- The student must take responsibility to notify the instructor in a timely matter for consideration and accommodation due to school activities, emergencies, or other circumstances. Validation may be required.

Academic Integrity (4.1)

The Code of Student Conduct and Academic Integrity outlines the prohibited conduct by any student enrolled in a course at SFA. It is the responsibility of all members of all faculty, staff, and students to adhere to and uphold this policy.

Articles IV, VI, and VII of the new Code of Student Conduct and Academic Integrity outline the violations and procedures concerning academic conduct, including cheating, plagiarism, collusion, and misrepresentation. Cheating includes, but is not limited to: (1) Copying from the test paper (or other assignment) of another student, (2) Possession and/or use during a test of materials that are not authorized by the person giving the test, (3) Using, obtaining, or attempting to obtain by any means the whole or any part of a non-administered test, test key, homework solution, or computer program, or using a test that has been administered in prior classes or semesters without permission of the Faculty member, (4) Substituting for another person, or permitting another person to substitute for one’s self, to take a test, (5) Falsifying research data, laboratory reports, and/or other records or academic work offered for credit, (6) Using any sort of unauthorized resources or technology in completion of educational activities.
Plagiarism is the appropriation of material that is attributable in whole or in part to another source or the use of one’s own previous work in another context without citing that it was used previously, without any indication of the original source, including words, ideas, illustrations, structure, computer code, and other expression or media, and presenting that material as one’s own academic work being offered for credit or in conjunction with a program course or degree requirements.

Collusion is the unauthorized collaboration with another person in preparing academic assignments offered for credit or collaboration with another person to commit a violation of any provision of the rules on academic dishonesty, including disclosing and/or distributing the contents of an exam.

Misrepresentation is providing false grades or résumés; providing false or misleading information in an effort to receive a postponement or an extension on a test, quiz, or other assignment for the purpose of obtaining an academic or financial benefit for oneself or another individual or to injure another student academically or financially.

**Withheld Grades Semester Grades Policy (5.5)**

Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the coursework because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course to compute the grade point average. For additional information, go to [https://www.sfasu.edu/policies/course-grades-5.5.pdf](https://www.sfasu.edu/policies/course-grades-5.5.pdf).

**Students with Disabilities**

To obtain disability-related accommodations, alternate formats, and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services promptly may delay your accommodations. For additional information, go to [http://www.sfasu.edu/disabilityservices/](http://www.sfasu.edu/disabilityservices/).

**Student Wellness and Well-Being**

SFA values students' overall well-being, mental health and the role it plays in academic
and overall student success. Students may experience stressors that can impact both their academic experience and their personal well-being. These may include academic pressure and challenges associated with relationships, emotional well-being, alcohol and other drugs, identities, finances, etc.

If you are experiencing concerns, seeking help, SFA provides a variety of resources to support students’ mental health and wellness. Many of these resources are free, and all of them are confidential.

**On-campus Resources:**
**The Dean of Students Office** (Rusk Building, 3rd floor lobby)
[www.sfasu.edu/deanofstudents](http://www.sfasu.edu/deanofstudents)
936.468.7249
dos@sfasu.edu

**SFA Human Services Counseling Clinic** Human Services, Room 202
[www.sfasu.edu/humanservices/139.asp](http://www.sfasu.edu/humanservices/139.asp)
936.468.1041

**The Health and Wellness Hub** “The Hub”
Location: corner of E. College and Raguet St.

To support the health and well-being of every Lumberjack, the Health and Wellness Hub offers comprehensive services that treat the whole person – mind, body and spirit. Services include:
- Health Services
- Counseling Services
- Student Outreach and Support
- Food Pantry
- Wellness Coaching
- Alcohol and Other Drug Education
[www.sfasu.edu/thehub](http://www.sfasu.edu/thehub)
936.468.4008
thehub@sfasu.edu

**Crisis Resources:**
- Burke 24-hour crisis line: 1.800.392.8343
- National Suicide Crisis Prevention: 9-8-8
- Suicide Prevention Lifeline: 1.800.273.TALK (8255)
- johCrisis Text Line: Text HELLO to 741-741